

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A handheld device comprising:
- a) a first audio source coupled to a first variable attenuator/amplifier;
 - b) a second audio source coupled to a second variable attenuator/amplifier;
 - c) a priority logic unit, for assigning priority levels as a function of the first audio source the second audio source and a nature of an audio output, to coupled to said first audio source and said second audio source, and also coupled to said first variable attenuator/amplifier and said second variable attenuator/amplifier;
 - d) a mixer coupled to said first variable attenuator/amplifier and to said second variable attenuator/amplifier; and,
 - e) the an-audio output connected to said mixer.
2. (Original) The handheld device of claim 1 wherein said first audio source is a signal event source and said second audio source is a continuous audio source.
3. (Original) The method of claim 1 wherein said handheld device comprises more than two audio sources.

4. (Original) The handheld device of claim 1 wherein said first audio source is a continuous audio source and said second audio source is a continuous audio source.

5. (Original) The handheld device of claim 1 wherein said first audio source is a signal event audio source and said second audio source is a signal event audio source.

6. (Original) The hand held device of claim 1 wherein said priority logic unit comprises an analog to digital conversion capability.

7. (Original) The handheld device of claim 5 wherein said priority logic unit further comprises a memory buffer capable of storing a portion of a signal from one of said first audio source and said second audio source.

8. (Original) The handheld device of claim 1 wherein said output consists of a single stereophonic channel.

9. (Original) The handheld device of claim 1 wherein said first audio source is a wireless broadcast.

10. (Original) The handheld device of claim 1 wherein said first audio source is a storage medium.

11. (Original) The handheld device of claim 10 wherein said first audio source is a digital storage medium.

12. (Original) The handheld device of claim 11 wherein said digital storage medium is a flash memory.

a) 13. (Original) The handheld device of claim 10 wherein said storage medium is a removable storage medium.

14. (Currently Amended) A method for prioritizing audio sources and balancing a combined audio output in a handheld device comprising the steps of:

a) establishing a priority for a signal from a first audio source and a signal from a second audio source each of a plurality of audio signals as a function of a source of each of the plurality of audio signals and a plurality of outputs;

b) adjusting a first one of the plurality of audio signals the level of the signal from at least one of said first audio source and said second audio wherein said level is determined by said priority according to a first priority corresponding to the first one of the plurality of audio signals and a second priority corresponding to a second one of the plurality of audio signals; and,

c) combining the ~~signal from said first audio source with the signal from said second audio source~~ adjusted first one of the plurality of audio signals with the second one of the plurality of audio signals; and

d) rendering available a resultant signal from said step c).

15. (Currently Amended) The method of claim 14 wherein the step of adjusting the first one of the plurality of audio signals comprises the level of one of said first audio source and said second audio source is done setting a level of the first one of the plurality of audio signals with respect to a level of the second one of the plurality of audio signals in accordance with a predetermined ratio.

16-23. (Canceled).

24. A product having a computer readable medium containing executable instructions which, when executed in a processing system, causes the system to perform the steps prioritizing audio sources and balancing a combined audio output in a handheld device comprising:

a) establishing a priority for a signal from a first audio source and a signal from a second audio source each of a plurality of audio signals as a function of a source of each of the plurality of audio signals and a plurality of outputs;

b) ~~adjusting the level of the signal from at least one of said first audio source and said second audio wherein said level is determined by said priority~~ a first one of a plurality of audio

signals according to a first priority corresponding to the first one of the plurality of audio signals
and a second priority corresponding to a second one of the plurality of audio signals; and,

c) ~~combining the signal from said first audio source with the signal from said second~~
~~audio sourcee~~ adjusted first one of the plurality of audio signals with the second one of the
plurality of audio signals; and

d) ~~rendering available a resultant signal from said step c)~~ on one of the plurality of
outputs.

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25-27. (Canceled).

28. (New) The product of Claim 24, wherein the computer readable medium further includes instructions for adjusting the first one of a plurality of audio signals by amplifying the first one of the plurality of audio signals.

29. (New) The product of Claim 24, wherein the computer readable medium further includes instructions for adjusting the first one of a plurality of audio signals by attenuating the first one of the plurality of audio signals.

30. (New) The product of Claim 24, wherein the computer readable medium further includes instructions for adjusting the first one of a plurality of audio signals by delaying in time the first one of the plurality of audio signals.

31. (New) The handheld device of claim 1, wherein the audio output consists of one or more of a speaker, a headphone jack and a line out.

a | 32. (New) The method of claim 14, wherein adjusting the first one of the plurality of audio signals according to the first priority corresponding to the first one of the plurality of audio signals and a second priority corresponding to a second one of the plurality of audio signals comprises increasing or decreasing a volume level of the first one of the plurality of audio signals.

33. (New) The method of claim 14, wherein adjusting the first one of the plurality of audio signals according to the first priority corresponding to the first one of the plurality of audio signals and a second priority corresponding to a second one of the plurality of audio signals comprises delaying in time the first one of the plurality of audio signals.
